



Damballa

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with A++ Grade by NAAC. Recognized by UGC under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment II - October 2024

Semester -I

Class: I Bsc

Max Marks: 60

Major: Physical Education

Duration: 2hours

23BPEC02 Basic Anatomy & Physiology

Course Outcomes:

1. The student will be oriented with the basic structure and function of human body by identifying, comparing and relating different systems, organs and their functional and structural units.
2. Able to Relate and interpret the role of exercise on body systems and its relation to wellbeing, through literature reviews and physical conditioning exercises.
3. Adapt the art to apply the knowledge of anatomy and physiology in physical activity classes at school level.
4. Construct anatomy and physiology related pedagogical materials exploring their creative imaginations while working in group and using technology.
5. Appraise the effects during the training and practical sessions.

Part A

6 x 1 = 6

Choose the correct answer

1. Which part of the respiratory ,gaseous exchange takes places
(a) pharynx (b) alveoli (c) larynx (d) trachea CO1K3
2. A tiny air sacs presents in human lungs is called
(a) bronchus (b) bronchioles (c) alveoli (d) all of the above CO1K2
3. in aves the exchange of gases occurs within the
(a) air sacs (b) air sacs and lungs (c) lungs (d) none of the above CO3K1
4. How many nerves in human body
(a) 5 trillion (b) 7 trillion (c) 6 trillion (d) 4 trillion CO2K1
5. systole means
(a) A period relaxation (b) a and d (c) none of above (d) A period contraction CO1K4
6. the wind pipe also know as
(a) larynx (b) lungs (c) oesophagus (d) trachea CO2K1

Part B

3 x 6 = 18

Answer ALL Questions

Answer should not exceed 400 words or two pages

- 7 (a). Function mechanism of respiration. CO3K2
(or)
(b). Concept of recovery oxygen and second wind. CO2K3
- 8 (a). Effect of exercise on excretory system. CO2K4
(or)
(b). Effect of exercise on nervous system. CO3K1
- 9 (a). Short notes on:parathyroid gland. CO3K2
(or)
(b). Short notes on pancreas. CO5K1

Part C

3 x 12 = 36

Answer ALL Questions

Answer should not exceed 800 words or four pages

- 10 (a). Cardio respiratory adaptation to long term exercise. CO2K3
(or)
(b). Function mechanism of digestive system. CO2K2
- 11 (a). Effect of exercise on digestive system. CO3K2
(or)
(b). Functional interperation of neuro muscular junction. CO4K3
- 12 (a). Structure and function of circulatory system. CO4K3
(or)
(b). Respiratory system structure and function. CO2K3

Incharge staff Mrs.R.Muniswari

Total no.of paper :18